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(FILE 'HOME' ENTERED AT 13:47:28 ON 22 JUL 2004)

FILE 'REGISTRY' ENTERED AT 13:53:33 ON 22 JUL 2004

L1 STR  
L2 0 SEARCH L1 CSS  
L3 16 SEARCH L1 CSS FUL

FILE 'CAPLUS' ENTERED AT 13:59:08 ON 22 JUL 2004

L4 144 S L3

FILE 'REGISTRY' ENTERED AT 13:59:31 ON 22 JUL 2004

L5 STR L  
L6 436 SEARCH L5 CSS FUL  
L7 STR L1  
L8 0 SEARCH L7 CSS  
L9 0 SEARCH L7 CSS FUL

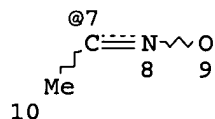
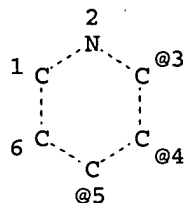
FILE 'CAPLUS' ENTERED AT 14:09:59 ON 22 JUL 2004

L10 12 S L4 AND SODIUM

=> d l1 sia

L1 HAS NO ANSWERS

L1 STR



VPA 7-3/4/5 U

NODE ATTRIBUTES:

DEFAULT MLEVEL IS ATOM

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RING(S) ARE ISOLATED OR EMBEDDED

NUMBER OF NODES IS 10

STEREO ATTRIBUTES: NONE

=> d l4 tot ti

L4 ANSWER 1 OF 144 CAPLUS COPYRIGHT 2004 ACS on STN

TI Heteroleptic complexes of zirconium acetylacetonates: better precursors for the preparation of zirconia. structural characterization of [(acac)2Zr{ONC(Me)py-2}2]

L4 ANSWER 2 OF 144 CAPLUS COPYRIGHT 2004 ACS on STN

TI AgI and CuI binuclear macrocyclic complexes with 1-(3-pyridyl)ethanone oxime

- (10) Jencks, W; J Am Chem Soc 1959, V81, P475 CAPLUS
- (11) Jersiev, B; Acta Chemica Scandinavia 1992, V46, P1195
- (12) Pejtkovic-Tadic, I; Helvetica Chemica Acta 1965, V48, P1157 CAPLUS
- (13) Sandler, S; Organic Functional Group Preparation 1983, VIII
- (14) Sharghi, H; J Chem Res 2000, P24 CAPLUS
- (15) Smith, P; Tetrahedron 1960, V9, P210 CAPLUS
- (16) Smolkova, J; J Chem Soc Perkin II 1980, P1051
- (17) Tecie, H; Life Sci 1993, V52, P505
- (18) Urro, T; J Am Chem Soc 1994, V116, P1145
- (19) Vogel, A; Text Book of Practical Organic Chemistry 1986, P1113
- (20) Zvilichovsky, G; Synthesis 1972, P563 CAPLUS

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(FILE 'HOME' ENTERED AT 13:47:28 ON 22 JUL 2004)

FILE 'REGISTRY' ENTERED AT 13:53:33 ON 22 JUL 2004

L1 STR  
 L2 0 SEARCH L1 CSS  
 L3 16 SEARCH L1 CSS FUL

FILE 'CAPLUS' ENTERED AT 13:59:08 ON 22 JUL 2004

L4 144 S L3

FILE 'REGISTRY' ENTERED AT 13:59:31 ON 22 JUL 2004

L5 STR L  
 L6 436 SEARCH L5 CSS FUL  
 L7 STR L1  
 L8 0 SEARCH L7 CSS  
 L9 0 SEARCH L7 CSS FUL

FILE 'CAPLUS' ENTERED AT 14:09:59 ON 22 JUL 2004

L10 12 S L4 AND SODIUM  
 L11 0 S K3/P  
 L12 43 S L3/P  
 L13 72442 S SODIUM HYDROXIDE  
 L14 1 S L13 AND L12  
 L15 66330 S METAL SALT?  
 L16 1 S L15 AND L12  
 L17 937193 S SODIUM  
 L18 5 S L17 AND L12

FILE 'REGISTRY' ENTERED AT 14:41:50 ON 22 JUL 2004

L19 STR L5  
 L20 STR L19  
 L21 STR L19  
 L22 STR L21  
 L23 STR L19  
 L24 16 S L19 OR L21 OR L23  
 L25 192 S L19 OR L21 OR L23 FUL  
 L26 1 S L25 AND NA/ELS  
 L27 0 S C7H4N2O.NA/MF  
 L28 0 S C7H3N2ONA/MF  
 L29 1 S L25 AND SODIUM  
 L30 1 S 3-ACETYLPYRIDINE/CN  
 L31 1 S 2-ACETYLPYRIDINE/CN  
 L32 1 S 4-ACETYLPYRIDINE/CN

FILE 'CAPLUS' ENTERED AT 15:09:24 ON 22 JUL 2004

L33 2640 S L30 OR L31 OR L32  
 L34 624 S L30/RCT  
 L35 836 S L31/RCT  
 L36 524 S L32/RCT

L37 1405 S L34 OR L35 OR L6  
L38 1555 S L34 OR L35 OR L36  
L39 80396 S (OXIM? OR HYDROXYLAM?)  
L40 85 S L38 AND L39  
L41 53 S INORGANIC BASE  
L42 0 S L41 AND L40  
L43 128589 S (SODIUM CARBONATE OR SODIUM HYDROXIDE OR POTASSIUM CARBONATE  
L44 0 S L43 AND L40  
L45 544818 S (NAOH OR NA2CO3 OR KOH OR K2CO3)  
L46 1 S L45 AND L40

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L18 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2002:925052 CAPLUS  
 DN 138:338223  
 ED Entered STN: 06 Dec 2002  
 TI Synthesis, spectroscopic and structural aspects of some  
 tetraorganodistannoxanes with internally functionalized oxime. 2. Crystal  
 and molecular structure of  $[(\text{Me}_2\text{Sn}(\text{ON}:\text{C}(\text{Me})\text{C}_5\text{H}_4\text{N}))_2\text{O}]_2 \cdot 2[2\text{-NC}_5\text{H}_4(\text{Me})\text{C}:\text{NOH}]$   
 AU Sharma, Vinita; Sharma, Rajnish K.; Bohra, Rakesh; Jain, Vimal K.; Drake,  
 John E.; Light, Mark E.; Hursthouse, Michael B.  
 CS Department of Chemistry, University of Rajasthan, Jaipur, 302004, India  
 SO Journal of Organometallic Chemistry (2002), 664(1-2), 66-69  
 CODEN: JORCAI; ISSN: 0022-328X  
 PB Elsevier Science B.V.  
 DT Journal  
 LA English  
 CC 29-8 (Organometallic and Organometalloidal Compounds)  
 Section cross-reference(s): 75  
 OS CASREACT 138:338223  
 AB The title compound  $[(\text{Me}_2\text{Sn}(\text{ON}:\text{C}(\text{Me})\text{C}_5\text{H}_4\text{N}))_2\text{O}]_2 \cdot 2[2\text{-NC}_5\text{H}_4(\text{Me})\text{C}:\text{NOH}]$   
 was obtained during the reaction of  $\text{Me}_2\text{SnCl}_2$  with the sodium  
 salt of 2-acetylpyridyloxime in 1:2 molar ratio in a refluxing  
 methanol-benzene mixture X-ray diffraction anal. of the compound reveals that  
 it is the first tetraorganodistannoxane structural motif in which two  
 mols. of free oxime are connected to the stannoxane framework and the two  
 Sn-O distances of the four-membered planar  $\text{Sn}_2\text{O}_2$  ring are identical.  
 ST crystal mol structure acetylpyridyloxime tetraorganodistannoxane prepn  
 IT Group IVA element compounds  
 RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)  
 (distannoxanes, tetraorganodistannoxanes; preparation and crystal structure  
 of acetylpyridyloxime tetraorganodistannoxane)  
 IT Crystal structure  
 Molecular structure  
 (of acetylpyridyloxime tetraorganodistannoxane)  
 IT 515811-41-3P  
 RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)  
 (crystal structure; preparation and crystal structure of acetylpyridyloxime  
 tetraorganodistannoxane)  
 IT 515811-40-2P  
 RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)  
 (mol. structure; preparation and crystal structure of acetylpyridyloxime  
 tetraorganodistannoxane)  
 IT 753-73-1, Dichlorodimethylstannane 1758-54-9  
 RL: RCT (Reactant); RACT (Reactant or reagent)  
 (preparation and crystal structure of acetylpyridyloxime  
 tetraorganodistannoxane)  
 RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 RE  
 (1) Agarwal, B; J Organomet Chem 1993, V444, P47 CAPLUS  
 (2) Beckmann, J; Organometallics 2002, V21, P192 CAPLUS  
 (3) Blessing, R; Acta Crystallogr 1995, VA51, P33 CAPLUS  
 (4) Blessing, R; J Appl Crystallogr 1997, V30, P421 CAPLUS  
 (5) Bondi, A; J Phys Chem 1964, V68, P441 CAPLUS  
 (6) Dakternieks, D; Organometallics 2002, V21, P647 CAPLUS  
 (7) Farrugia, L; J Appl Crystallogr 1999, V32, P837  
 (8) Huckel, W; Ann Chem 1932, V498, P176  
 (9) Jain, V; Mag Reson Chem 1992, V30, P158  
 (10) Jain, V; Proc Indian Acad Sci 1996, V103, P165  
 (11) Meddour, A; Eur J Inorg Chem 1998, P1467 CAPLUS  
 (12) Mehring, M; Eur J Inorg Chem 2001, P153 CAPLUS  
 (13) Mokal, V; J Organomet Chem 1994, V471, P53 CAPLUS  
 (14) Nerdel, F; Chem Ber 1953, V86, P1005 CAPLUS

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L46 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 2001:61270 CAPLUS  
DN 134:280369  
ED Entered STN: 25 Jan 2001  
TI Selective synthesis of E and Z isomers of **oximes**  
AU Sharghi, Hashem; Sarvari, Mona Hosseini  
CS Department of Chemistry, College of Science, Shiraz University, Shiraz,  
71454, Iran  
SO Synlett (2001), (1), 99-101  
CODEN: SYNLES; ISSN: 0936-5214  
PB Georg Thieme Verlag  
DT Journal  
LA English  
CC 21-2 (General Organic Chemistry)  
OS CASREACT 134:280369  
AB The highly stereoselective conversion of aldehydes and ketones to their  
corresponding E- and Z-**oximes** with NH<sub>2</sub>OH.HCl is catalyzed by  
CuSO<sub>4</sub> and K<sub>2</sub>CO<sub>3</sub>, resp. This method occurs under mild reaction  
conditions with high yields.  
ST **oxime** stereoselective prepn; aldehyde stereoselective  
**oximation**; ketone stereoselective **oximation**  
IT **Oximation**  
(stereoselective preparation of **oximes**)  
IT Aldehydes, reactions  
Ketones, reactions  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(stereoselective preparation of **oximes**)  
IT **Oximes**  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(stereoselective preparation of **oximes**)  
IT 83-38-5 89-98-5 90-02-8, reactions 98-86-2, Acetophenone, reactions  
99-61-6, 3-Nitrobenzaldehyde 100-52-7, Benzaldehyde, reactions  
100-83-4, 3-Hydroxybenzaldehyde 104-87-0, 4-Methylbenzaldehyde  
104-88-1, 4-Chlorobenzaldehyde, reactions 123-08-0, 4-  
Hydroxybenzaldehyde 123-11-5, 4-Methoxybenzaldehyde, reactions  
134-85-0, 4-Chlorobenzophenone 498-62-4, 3-Thienaldehyde 555-16-8,  
4-Nitrobenzaldehyde, reactions 587-04-2, 3-Chlorobenzaldehyde  
591-31-1, 3-Methoxybenzaldehyde 620-23-5, 3-Methylbenzaldehyde  
1122-54-9, 4-Acetylpyridine 1122-62-9, 2-Acetylpyridine  
RL: RCT (Reactant); RACT (Reactant or reagent)  
(stereoselective preparation of **oximes**)  
IT 622-31-1P 622-32-2P 3714-77-0P 3717-15-5P 3717-16-6P 3717-19-9P  
3717-20-2P 3717-21-3P 3717-22-4P 3717-23-5P 3717-24-6P  
3717-27-9P 3717-29-1P 3717-33-7P 4006-79-5P 22032-06-0P  
50314-86-8P 52707-50-3P 52707-52-5P 52707-55-8P 52707-57-0P  
60221-52-5P 60221-53-6P 81563-77-1P 107492-79-5P 139336-66-6P  
139484-44-9P 148134-23-0P 332903-32-9P  
RL: SPN (Synthetic preparation); PREP (Preparation)  
(stereoselective preparation of **oximes**)  
RE.CNT 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD  
RE  
(1) Anon; CRC, Handbook of Tables for Organic Compound Identification, 3rd ed &  
54th ed  
(2) Brady, O; Acta Cryst P1227  
(3) Brandt, U; FEBS Lett 1991, V287, P215 CAPLUS  
(4) Brehm, L; Acta Cryst 1972, VB28, P3646  
(5) Burakevich, J; J Org Chem 1971, V36, P1 CAPLUS  
(6) Crawford, R; Can J Chem 1965, P1534  
(7) Forman, S; J Am Chem Soc 1964, V29, P3323 CAPLUS  
(8) Ginsburg, S; J Am Chem Soc 1957, V79, P481 CAPLUS  
(9) Hauser, C; J Org Chem 1955, V20, P1491 CAPLUS